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# Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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## Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

## Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand


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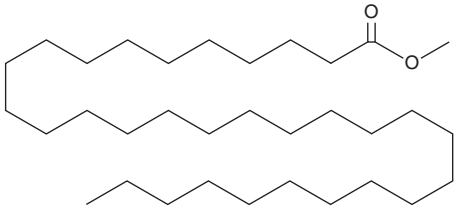
# PRODUCT INFORMATION

## Dotriacontanoic Acid methyl ester

*Item No. 26728*

| | |
|---|---|
| **CAS Registry No.:** | 41755-79-7 |
| **Formal Name:** | dotriacontanoic acid, methyl ester |
| **Synonyms:** | C32:0 FAME, Lacceric Acid methyl ester, Methyl Dotriacontanoate |
| **MF:** | $C_{33}H_{66}O_2$ |
| **FW:** | 494.9 |
| **Purity:** | ≥98% |
| **Supplied as:** | A solid |
| **Storage:** | -20°C |
| **Stability:** | ≥2 years |



*Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.*

### Laboratory Procedures

Dotriacontanoic acid methyl ester is supplied as a solid. A stock solution may be made by dissolving the dotriacontanoic acid methyl ester in the solvent of choice. Dotriacontanoic acid methyl ester is soluble in organic solvents such as chloroform and methylene chloride.

### Description

Dotriacontanoic acid methyl ester is a naturally occurring fatty acid methyl ester that has been found in the cuticular wax of *P. abies* needles.[1] It has also been found in sediment samples from the Harney River in Florida and Lake Kivu in the East African rift valley.[2,3]

### References


1. Sümmchen, P., Markstädter, C., and Wienhaus, O. Composition of the epicuticular wax esters of *Picea abies* (L.) Karst. *Zeitschrift für Naturforschung* **50(1-2)**, 11-14 (2014).
2. Jaffé, R., Rushdi, A.I., Medeiros, P.M., *et al.* Natural product biomarkers as indicators of sources and transport of sedimentary organic matter in a subtropical river. *Chemosphere* **64(11)**, 1870-1884 (2006).
3. Al-Mutlaq, K., Standley, L.J., and Simoneit, B.R. Composition and sources of extractable organic matter from a sediment core in Lake Kivu, East African rift valley. *Appl. Geochem.* **23(5)**, 1023-1040 (2008).





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